

Iowa Crops & Weather



Iowa Agricultural Statistics
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For the week ending May 2, 2004

Ideal Weather Conditions for Planting

Agricultural Summary: Iowa experienced cool, dry weather conditions last week. High winds during the week, triggered reports of topsoil erosion. Corn planting continued at an accelerated rate, about 2 weeks ahead of last year. Soybeans were planted in several areas.

There were **5.1 days suitable for fieldwork**, compared to the previous week at 3.0 days. **Topsoil moisture** rated 1 percent very short, 18 percent short, 77 percent adequate, and 4 percent surplus across Iowa. **Subsoil moisture** rated 6 percent very short, 24 percent short, 68 percent adequate, and 2 percent surplus.

Field Crops Report: **Oat emergence** was 77 percent, above last year's 67 percent, and the 5-year average of 66 percent. **Oat condition** was rated 1 percent poor, 23 percent fair, 70 percent good, and 6 percent excellent. **Corn planted** was 74 percent, ahead of last year's progress of 48 percent and ahead of the 5-year average of 43 percent. **Corn emergence** was 9 percent. **Soybean plantings** was 9 percent, ahead of last year's progress of 3 percent and the 5-year average of 6 percent. **Primary seedbed preparations** were 87 percent complete, while **fertilizer applications** were 93 percent complete.

Livestock, Pasture and Range Report: **Pasture and range** conditions improved slightly from the previous week at 2 percent very poor, 11 percent poor, 32 percent fair, 48 percent good, and 7 percent excellent.

Iowa Weather Summary

The past week brought rapidly changing weather to Iowa. The work week began with below normal temperatures on Monday (26th) into Tuesday (27th) with readings dipping to 25 degrees at Cresco on Tuesday morning. However, much warmer air moved into western Iowa by Tuesday afternoon where Sioux City warmed from a

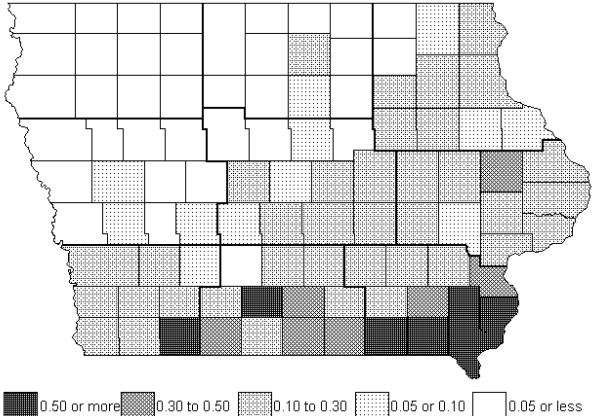
morning low of 33 degrees up to an afternoon high of 81. Wednesday (28th) was by far the warmest day of the week as well as the windiest as wind gusts exceeded 50 mph in many areas. Sioux City and Spencer reported Wednesday afternoon high temperatures of 90 degrees. However, a strong cold front moved across the state Wednesday night and Thursday (29th) and dropped temperatures even more quickly than they had risen earlier in the week. At Sibley, a Wednesday afternoon high of 89 degrees was followed by a Thursday morning low of 35 degrees. Temperatures remained below normal for the rest of the week. A freeze was recorded in far northwest Iowa on Saturday (1st) morning with a low of 27 degrees at Estherville and Spencer. Frost was reported in a few areas of central and northern Iowa on Sunday (2nd) morning with a low of 28 degrees reported at Clarion. Finally, temperatures dipped below freezing over all of the northern two-thirds of Iowa on Monday (3rd) morning with scattered freezing temperatures all the way to the Missouri border. Cresco reported a Monday morning low of 21 degrees which is the lowest temperature recorded in Iowa during the month of May since 1967. Temperatures for the week as a whole averaged from 0.1 degrees above normal at Spencer to 1.9 degrees subnormal at Burlington with a statewide average temperature of 0.8 degrees below normal.

Meanwhile, precipitation amounts were below normal throughout the state. A few isolated thunderstorms entered far northwest Iowa on Wednesday (28th) night while light rain moved through far southeastern sections of the state on Thursday (29th). Light to moderate rain fell across the southeast one-half of Iowa on Friday (30th) with a few areas of light rain in the far western and eastern edges of the state on Saturday (1st). Finally, rain and a few thunderstorms were scattered across much of Iowa on Sunday (2nd). Hail accumulated to an inch or two depth in parts of Jones and Cedar Counties on Sunday afternoon. Weekly rain totals varied from only trace amounts in parts of northwest, north central and west central Iowa to 0.75 inches at Keosauqua and Fort Madison. The statewide average precipitation was only 0.14 inches while normal for the week is 0.86 inches.

Statewide Crop Conditions as of May 2, 2004

Item	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Oats	0	1	23	70	6
Range & Pasture	2	11	32	48	7

State Climatologist, Iowa Dept. of Agriculture & Land Stewardship
PRECIPITATION FOR THE WEEK ENDING 7 A.M., CDT, MON., MAY 3, 2004 (inches)



Field Work and Crop Progress as of May 2, 2004

Item	Districts									State	Last Week	Last Year	Nor- mal
	NW	NC	NE	WC	C	EC	SW	SC	SE				
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Fertilizer application completed (including fall work)	92	96	88	95	95	95	97	94	88	93	87	87	86
Seedbed, primary preparation completed (including fall work)	85	87	86	89	92	84	91	85	84	87	75	76	80
Corn planted	81	79	53	63	80	72	90	75	73	74	36	48	43
Corn emerged	4	4	1	7	16	8	21	26	16	9	1	2	4
Soybeans planted	6	5	10	5	6	12	15	23	19	9	0	3	6
Oats emerged	58	87	83	71	69	68	94	77	76	77	47	67	66

Days Suitable & Soil Moisture Condition as of May 2, 2004

Item	Districts									State	Last Week	Last Year
	NW	NC	NE	WC	C	EC	SW	SC	SE			
	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days
Days suitable	5.5	4.1	5.7	5.4	5.0	5.1	5.4	4.5	4.8	5.1	2.7	3.2
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Topsoil moisture												
Very short	2	1	2	2	2	0	1	2	2	1	1	1
Short	9	13	26	20	21	17	17	18	22	18	9	6
Adequate	85	78	72	76	72	82	80	78	67	77	79	70
Surplus	4	8	0	2	5	1	2	2	9	4	11	23
Subsoil moisture												
Very short	5	8	13	4	5	1	2	9	5	6	6	5
Short	16	25	33	26	19	22	22	29	26	24	21	22
Adequate	78	64	54	67	73	74	75	61	65	68	70	62
Surplus	1	3	0	3	3	3	1	1	4	2	3	10

Weather Summary For Iowa Agricultural Statistics Service Prepared by AWIS, Inc. For the week ending: Sunday, May 2, 2004										
STATION	CURRENT WEEK					SINCE APRIL 1		CURRENT WEEK		
	TEMPERATURE				PRECIPITATION		PRECIPITATION		GDD BASE 50F	
	HI	LO	AVG	DFN	TOTAL	DFN	TOTAL	DFN	TOTAL	DFN
Estherville Sioux Center Spencer Spirit Lake	North West District									
	89	27	50	-2	0.03	-0.67	1.59	-1.44	26	-3
	89	29	54	-1	0.09	-0.54	2.49	-0.17	40	-3
	90	27	52	-2	0.00	-0.72	1.81	-1.14	31	-3
	86	32	50	-2	0.03	-0.60	1.76	-0.90	20	-27
Britt Humboldt Mason City Northwood	North Central District									
	86	31	49	-6	0.13	-0.64	2.08	-1.19	14	-26
	86	33	50	-5	0.08	-0.69	2.81	-0.47	18	-18
	88	26	51	-2	0.30	-0.50	3.46	0.22	28	-5
	88	29	50	-3	0.02	-0.75	2.16	-1.08	19	-13
Decorah Dubuque Elkader Independence Waterloo	North East District									
	87	26	54	1	0.11	-0.73	1.93	-1.75	49	9
	84	32	52	-2	0.12	-0.79	1.29	-2.71	34	-2
	86	29	51	-4	0.25	-0.59	1.79	-1.69	30	-23
	86	30	51	-2	0.13	-0.71	1.28	-2.34	31	-24
Decorah Dubuque Elkader Independence Waterloo	87	31	55	1	0.27	-0.57	1.54	-2.03	45	4
	West Central District									
	86	29	52	-5	0.02	-0.86	1.56	-2.00	26	-24
	86	31	52	-3	0.01	-0.85	2.15	-1.44	29	-12
	84	37	51	-6	0.21	-0.55	1.94	-1.06	23	-17
Guthrie Center Harlan Jefferson Logan Rockwell City Sioux City	86	27	52	-4	0.10	-0.74	2.28	-1.26	28	-16
	86	34	53	-4	0.05	-0.80	1.80	-1.58	29	-15
	87	32	53	-2	0.00	-0.86	1.90	-1.69	33	-8
	87	31	52	-5	0.00	-0.85	1.09	-2.13	28	-23
	86	32	51	-5	0.05	-0.73	2.36	-0.71	22	-25
Audubon Carroll Castana Guthrie Center Harlan Jefferson Logan Rockwell City Sioux City	90	33	54	-3	0.01	-0.66	1.38	-1.19	36	-13
	Central District									
	88	30	55	2	0.11	-0.77	2.25	-1.37	45	8
	87	29	53	-3	0.07	-0.80	2.27	-1.35	33	-10
	85	36	56	-1	0.07	-0.70	2.06	-1.53	49	-3
Eldora Marshalltown Newton Perry Toledo	87	31	52	-3	0.23	-0.61	2.24	-1.17	27	-13
	86	30	54	0	0.13	-0.69	2.32	-1.14	43	4
	86	35	54	-2	0.21	-0.63	3.46	-0.06	37	-10
	87	32	53	-2	0.18	-0.66	2.33	-1.08	31	-10
	85	29	52	-3	0.09	-0.79	1.26	-2.29	29	-7
Ames Boone Des Moines Eldora Marshalltown Newton Perry Toledo	East Central District									
	87	29	54	-1	0.10	-0.67	1.09	-2.33	41	-3
	85	31	55	-2	0.22	-0.55	1.56	-1.92	44	-3
	86	33	56	-2	0.12	-0.79	1.90	-2.07	49	-7
	86	27	53	-3	0.19	-0.72	1.59	-2.44	37	-8
Cedar Rapids Davenport Iowa City Lowden Maquoketa Muscatine	85	29	51	-3	0.14	-0.63	1.54	-1.90	32	-5
	85	34	54	-3	0.17	-0.67	1.38	-2.37	40	4
	South West District									
	87	30	53	-3	0.18	-0.75	0.92	-2.78	34	-15
	89	31	54	-4	0.18	-0.70	1.62	-1.64	37	-17
Clarinda Glenwood Oakland Red Oak Sidney	85	32	53	-3	0.14	-0.64	1.99	-1.24	30	-14
	87	33	54	-5	0.10	-0.81	1.04	-2.73	37	-21
	85	40	55	-3	0.23	-0.63	2.33	-1.12	43	-13
	South Central District									
	83	35	54	-3	0.32	-0.52	1.06	-2.53	33	7
Allerton Beaconsfield Chariton Indianola Leon	83	35	54	-2	0.42	-0.42	1.97	-1.58	34	-10
	84	33	54	-2	0.36	-0.50	1.42	-2.38	35	-9
	85	33	54	-3	0.17	-0.74	1.88	-1.99	35	-12
	83	31	53	-3	0.23	-0.69	1.93	-1.90	33	-13
	South East District									
Bloomfield Burlington Ottumwa	82	38	56	-3	0.52	-0.39	1.66	-2.14	43	-14
	85	35	57	0	0.68	-0.16	2.42	-1.32	52	-2
	87	32	56	-2	0.18	-0.66	1.06	-2.49	48	-6

Precipitation (rain, melted snow or ice) in inches. Precipitation Days = Days with precipitation of 0.01 inch or more. Air Temperatures in Degrees Fahrenheit. Copyright 2004: AWIS, Inc. All Rights Reserved.